In the Claims

Claims 1, 4-13, 16-26, 28-30, 32-42 and 44-48 are canceled without prejudice.

Claim 14 is amended.

Claims 14 and 15 remain in the application and are listed below:

1.-13. (Canceled)

14. (Currently Amended) ~~The computer-implemented method of claim 11~~ In a paging operating system having main memory for holding information and secondary storage comprising a page file for receiving information that is paged out from the main memory, a computer-implemented method of protecting information comprising:

creating a key during system boot up, wherein different keys can be created during different system boot ups;

page-locking the key in main memory;

restricting access to the page-locked key to only the operating system kernel;

calling the operating system kernel to encrypt information;

accessing the page-locked key with the operating system kernel; and

using the operating system kernel to encrypt the information with the page-locked key; and further comprising prior to said calling:

designating at least one page in the main memory with a designation;

recognizing the designation and, responsive thereto, calling the operating system kernel to encrypt the information.

15.   (ORIGINAL) The computer-implemented method of claim 14, wherein said recognizing is performed by the memory manager.

16.-48 (Canceled).